

## Message from Secretary Abraham...

"The Department of Energy's National Science Bowl® is the nation's premier national science competition. Come join thousands of students across the country and explore the sciences as a fun, exciting challenge."



*Secretary of Energy Spencer Abraham*

## Supporting Science Education

The U.S. Department of Energy and its Science Bowl partners are dedicated to achieving National Education goals. The National Science Bowl® was created to offer students who excel in math and science, along with their teachers and coaches, a forum to receive national recognition for their talent and hard work.



*2003 Champions Thomas Jefferson High School for Science & Technology from Alexandria, Virginia*



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U.S. DEPARTMENT OF ENERGY

# 2004 National Science Bowl®



APRIL 29 - MAY 3, 2004  
WASHINGTON, D.C.





## What is the National Science Bowl®?

The National Science Bowl® is a highly visible educational event and academic competition among teams of high school students who attend science

seminars and compete in a verbal

forum to solve technical problems and answer questions in all branches of science and math. The regional and national events encourage student involvement in math and science activities, improve awareness of career options in science and technology, and provide an avenue of enrichment and reward for academic science achievement.



## Who participates?

Any current public, private, or home-school student is welcome to form a team and participate in one of the 66 regional competitions being held from January to March of 2004.



The regional champions receive an all-expense paid trip to compete in Washington, D.C. for the national title.



*Science Day Presentations*

## How can I get involved?

- Form a team of 4 to 5 students.
- Find a coach.
- Register and compete in a regional tournament.
- Study.
- Practice answering the sample questions.
- Regional winners will travel to the national competition.

## What are the prizes?

At the nationals, the top two teams in each division earn a monetary prize for their school. The top five teams earn prizes like trophies, calculators, PDAs, and award trips. Everyone walks away with good memories and a fun time. Prizes are also awarded for placing in the fuel cell car competitions.



## What is Science Day?

On May 1, 2004, all the teams participating in the national competition will take part in a day of science seminars and activities. There will be a workshop for teachers with innovative science activities to take back to their schools. Students and coaches have the opportunity to attend presentations by well-known scientists on current topics in math and the sciences. Last year's topics included astrophysics, magnetism, genetic manipulation, marine biology, and antimatter. Students can also participate in hands-on projects, such as building a tower out of paper.

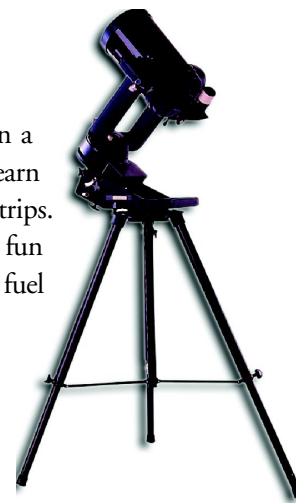


## Model Fuel Cell Car Race

On Science Day, several schools may choose to build model hydrogen fuel cell cars that will compete for prizes. Teams will compete in either a speed race or a king-of-the-hill climb.



*Building a Fuel Cell Car*



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